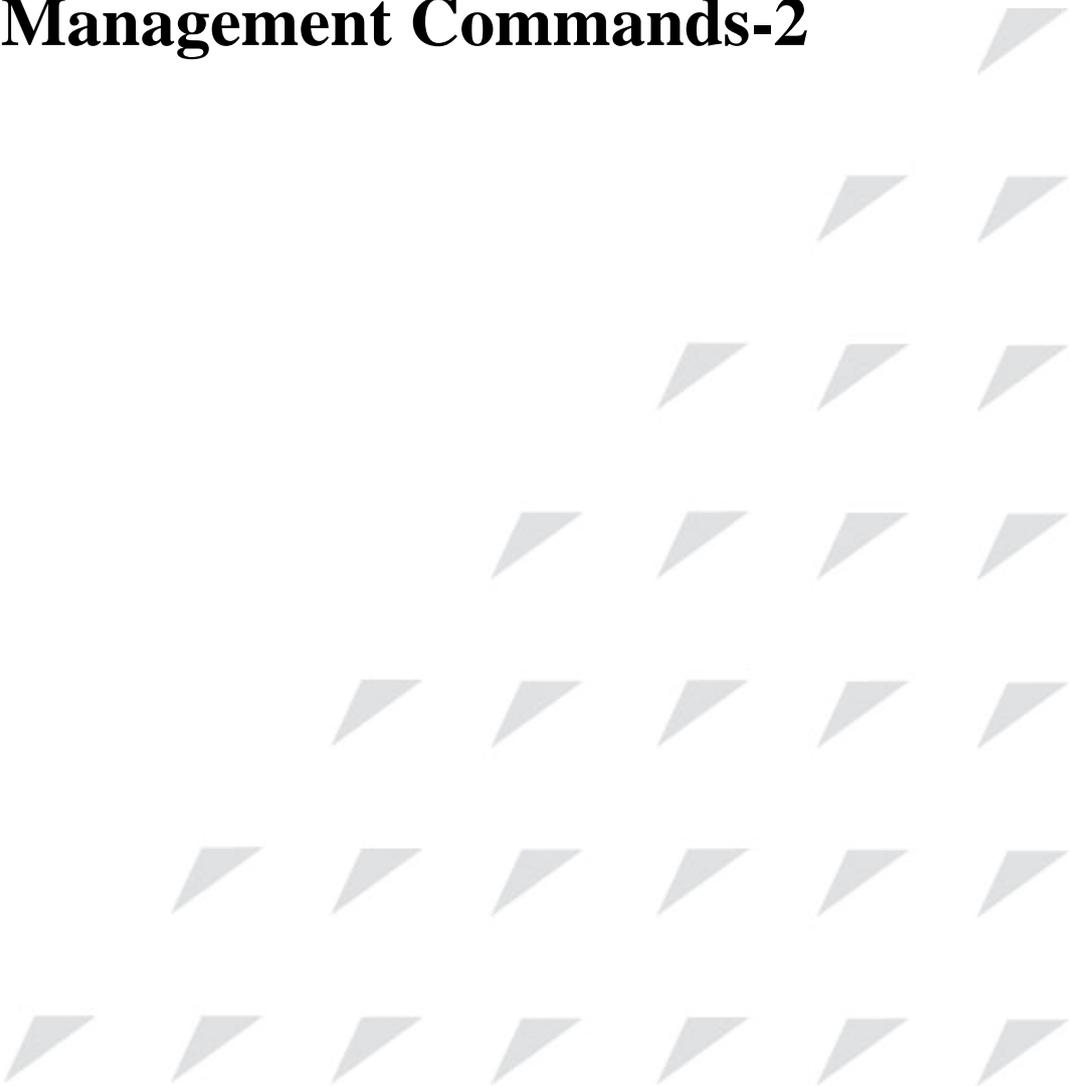


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Bandwidth Management Commands-2



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Chapter 1 Bandwidth Commands

1.1 rate-limit double-tagging-vlan

[Function]

Set bandwidth for QinQ VLAN, command in **no** form for cancel operation.

[Command Format]

rate-limit double-tagging-vlan outer {<1-4094>/any} **inner** {<1-4094>/any} *rate burst*
[*schedule-list list-no*]

no rate-limit double-tagging-vlan outer {<1-4094>/any} **inner** {<1-4094>/any}
[*schedule-list list-no*]

[Parameter]

outer: outer VLAN;

<1-4094>: VLANID;

any: any VLAN

inner: inter VLAN

rate: rate (from 1 to 1048576kbps)

burst: burst rate(from 1 to 512KBps)

schedule-list: set the start time, over time, period interval of schedule

list-no: list range 0-99.

[Default]

No QinQ VLAN bandwidth limit

[Command Modes]

Global configuration mode; Privileged user

[Command Executing Instruction]

The rate should be near the n^{th} power of 2 (n should be whole number).

[Explanation of command execution echo]

Set successfully

Set unsuccessfully!

[Example]

Set outer VLAN 4 bandwidth limit to be 4Mbps, burst value to be 64Kbps:

```
Raisecom(config)#rate-limit double-tagging-vlan outer 4 inner any 4196 64
```

Set outer VLAN 8 inner 6 bandwidth limit to be 4Mbps, burst value to be 64Kbps:

Raisecom(config)#**rate-limit double-tagging-vlan outer 8 inner 6 4196 64**

Delete outer VLAN 4 bandwidth limit:

Raisecom(config)#**no rate-limit double-tagging-vlan outer 4 inner any**

[Related commands]

Commands	Description
rate-limit vlan	Set VLAN bandwidth limit.
show rate-limit vlan	Show rate limit of all VLAN.

1.2 rate-limit vlan

[Function]

Set VLAN bandwith limit, command in **no** form for cancel operation.

[Command Format]

rate-limit vlan <1-4094> *rate burst [schedule-list list-no]*

no rate-limit vlan <1-4094> [*schedule-list list-no*]

[Parameter]

VLAN: VLAN;

<1-4094>: VLANID;

rate: rate (from 1 to 1048576kbps)

burst: burst rate(from 1 to 512KBps)

schedule-list: set the start time, over time, period interval of schedule

list-no: list range 0-99

[Default]

No VLAN bandwith limit

[Command Modes]

Privileged EXEC; Global configuration mode

[Command Executing Instruction]

The rate shoule near the n^{th} power of 2 (n shoule be whole number).

[Explanation of command execution echo]

Set successfully

Set unsuccessfully !

[Example]

Set VLAN 5 bandwidth limit to be 5Mbps, burst value to be 32Kbps:

Raisecom(config)#**rate-limit vlan 5 5120 32**

Delete VLAN 5 bandwidth limit:

Raisecom(config)#no rate-limit vlan 5

[Related commands]

Commands	Description
rate-limit double-tagging-vlan	Set bandwidth limit of QinQ VLAN.
show rate-limit vlan	Show all VLAN bandwidth limit setting.

1.3 show rate-limit vlan

[Function]

Show configuration of VLAN bandwidth.

[Command Format]

show rate-limit vlan

[Parameter]

rate-limit: bandwidth limit;

vlan: VLAN.

[Command Modes]

Privileged EXEC, privileged user

[Explanation of command execution echo]

CVLAN: Customer VLAN(inner VLAN)

SPVLAN: Service provider VLAN(outer VLAN)

Type	CVLAN	SPVLAN	Rate(Kbps)	Burst(KBps)

[Example]

Show rate limit information:

Raisecom#show rate-limit vlan

[Related commands]

Commands	Description
rate-limit vlan	Set bandwidth limit for VLAN.
rate-limit double-tagging-vlan	Set bandwidth limit for QinQ VLAN.



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